

## The Schechter and Berger nomenclature

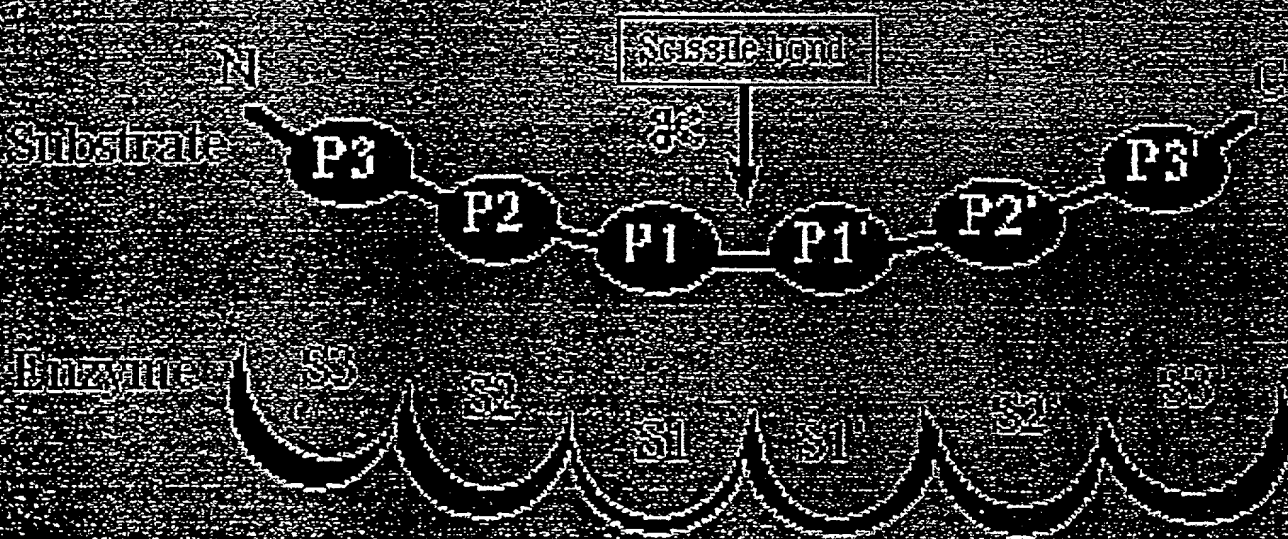


FIG. 1

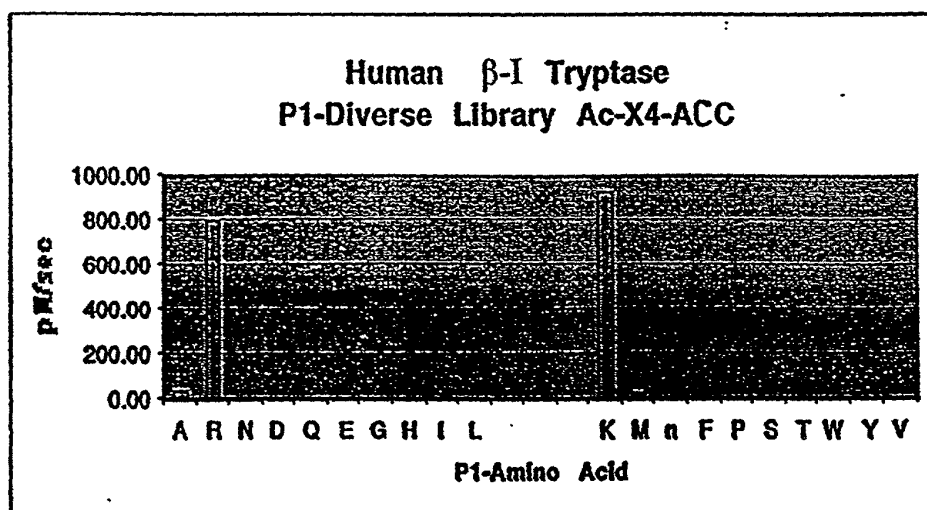
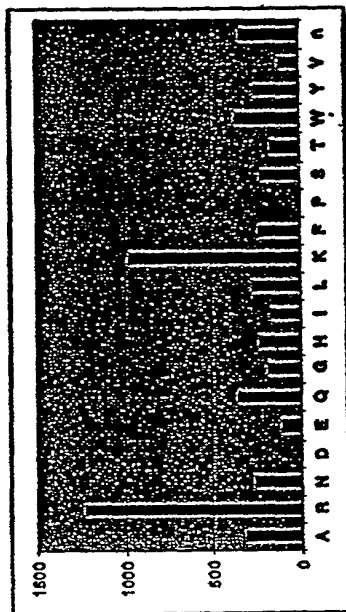


FIG. 2

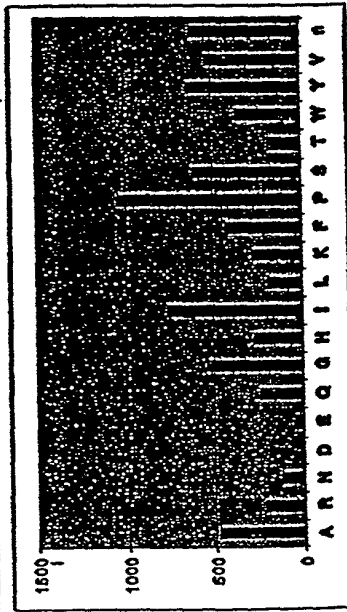
**$\beta$ -I Tryptase P1-Lys Library**



P2

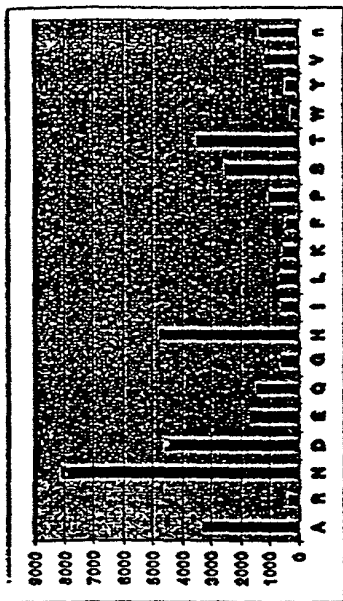


P3

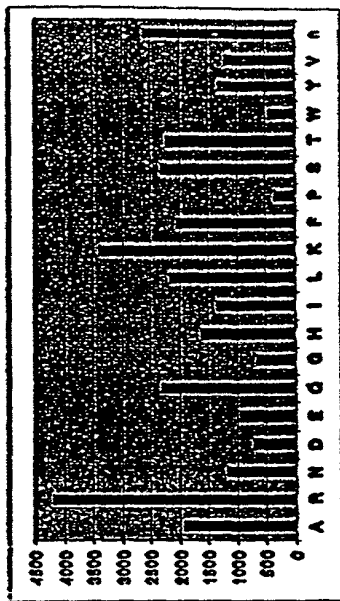


p4

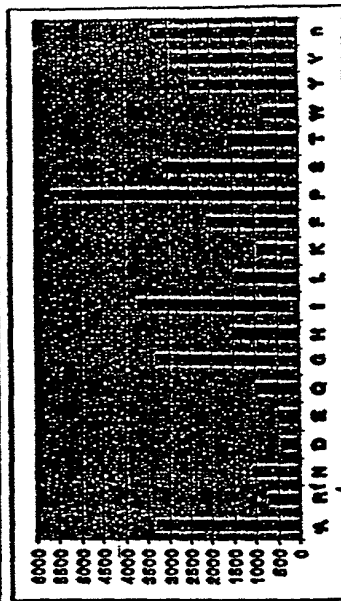
**$\beta$ -I Tryptase P1-Arg Library**



P2



P3



42

**FIG. 3A**

**FIG. 3B**

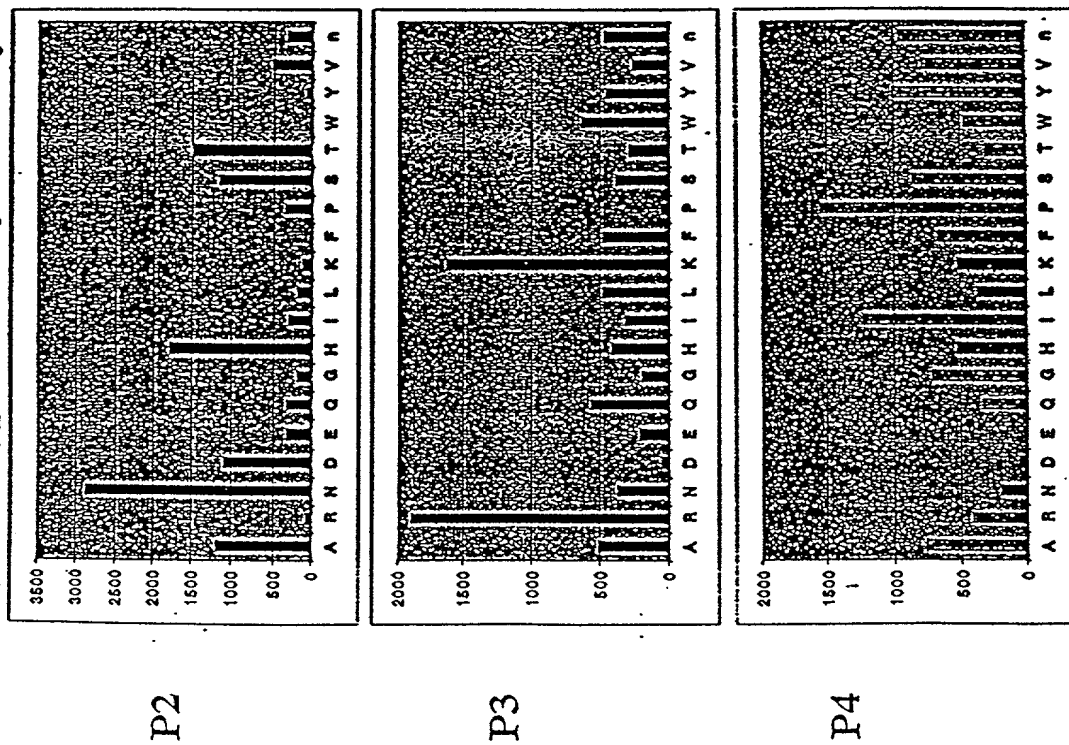
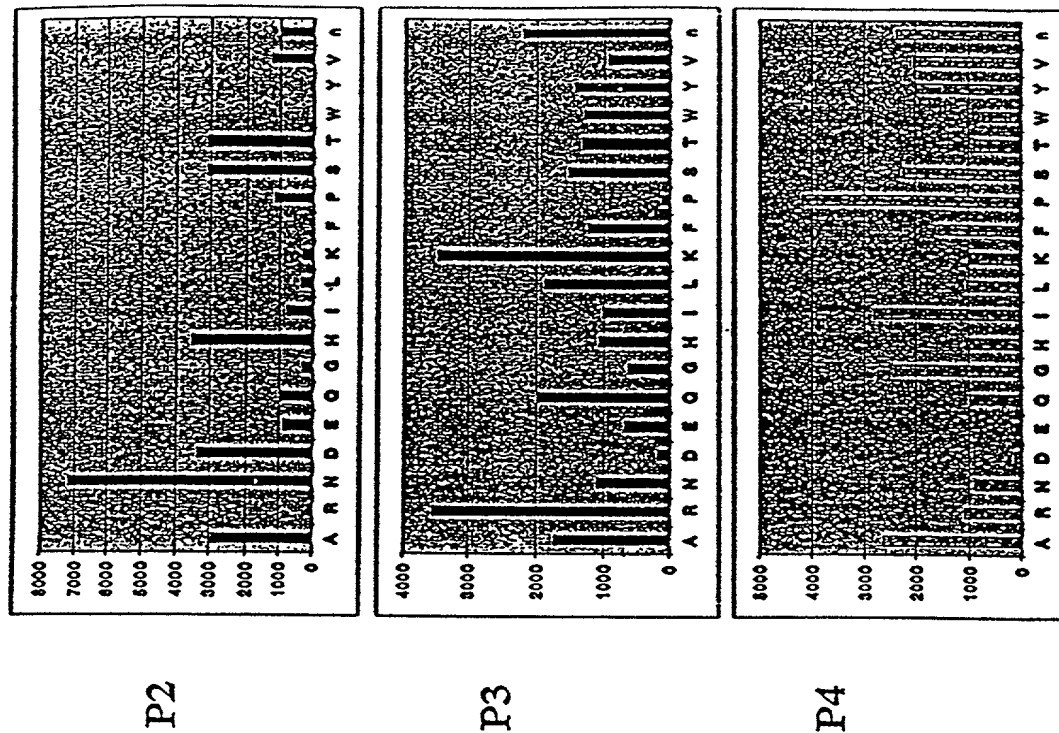
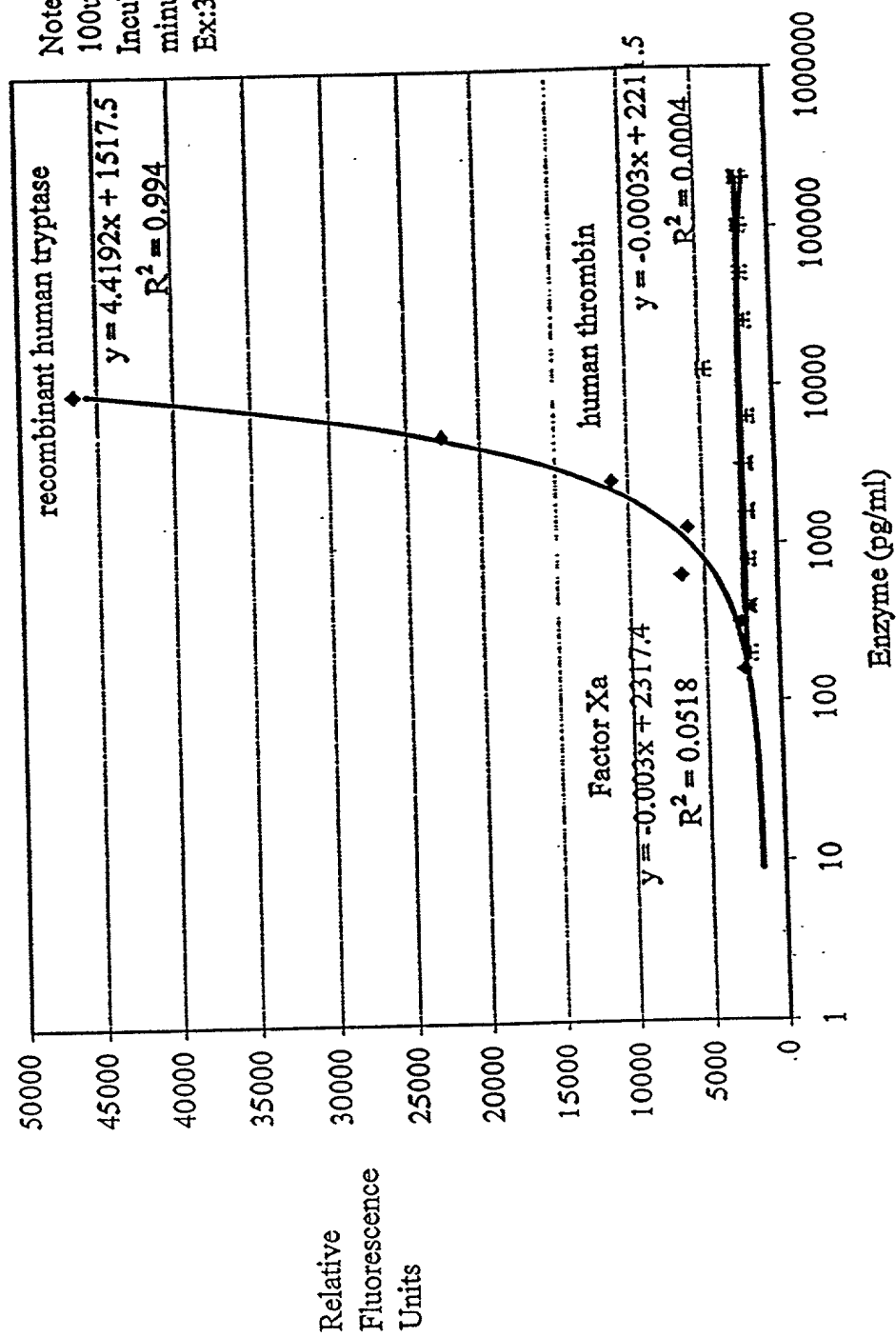
Human  $\beta$ -II Tryptase P1-Lys Library

FIG. 4A

Human  $\beta$ -II Tryptase P1-Arg Library

**FIG. 4B**

**Note:**  
100ul sample size  
Incubated at RT for 1  
minute.  
Ex:355 Em: 460



**FIG. 5**

# Fluorometric Trypsin Activity Assay Using Ac-PRNK-ACC in Spiked Assay Buffer

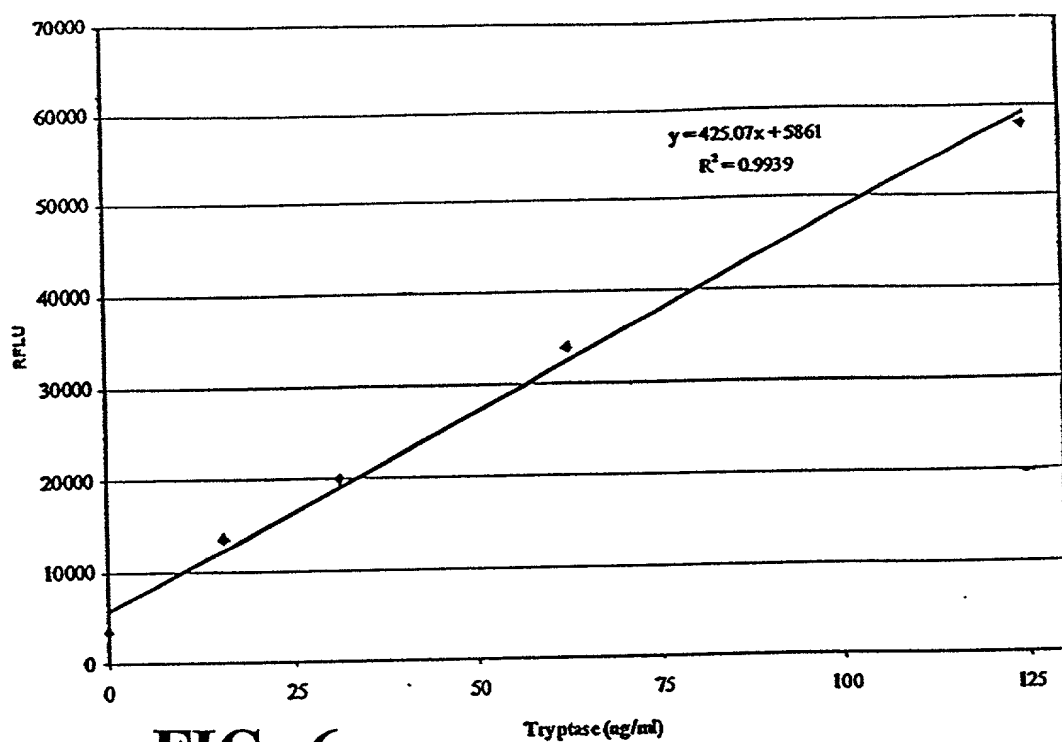


FIG. 6

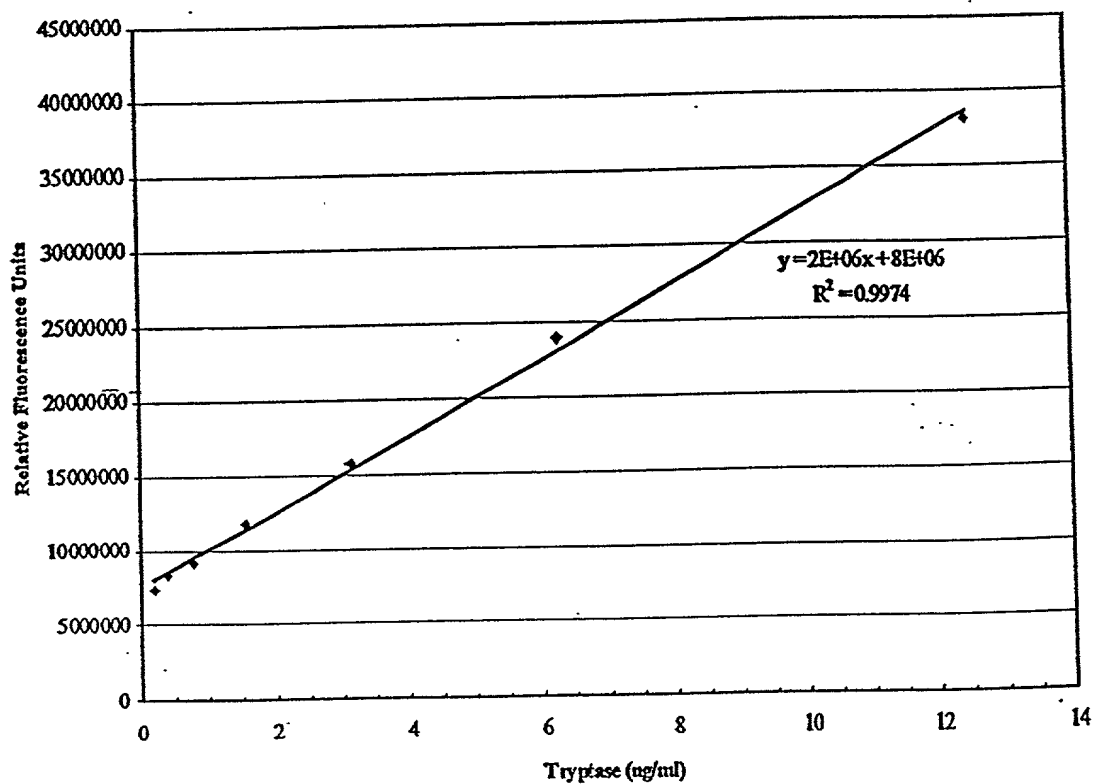


FIG. 7

# Use of Ac-PRNK-ACC as a Fluorometric Tryptase Substrate

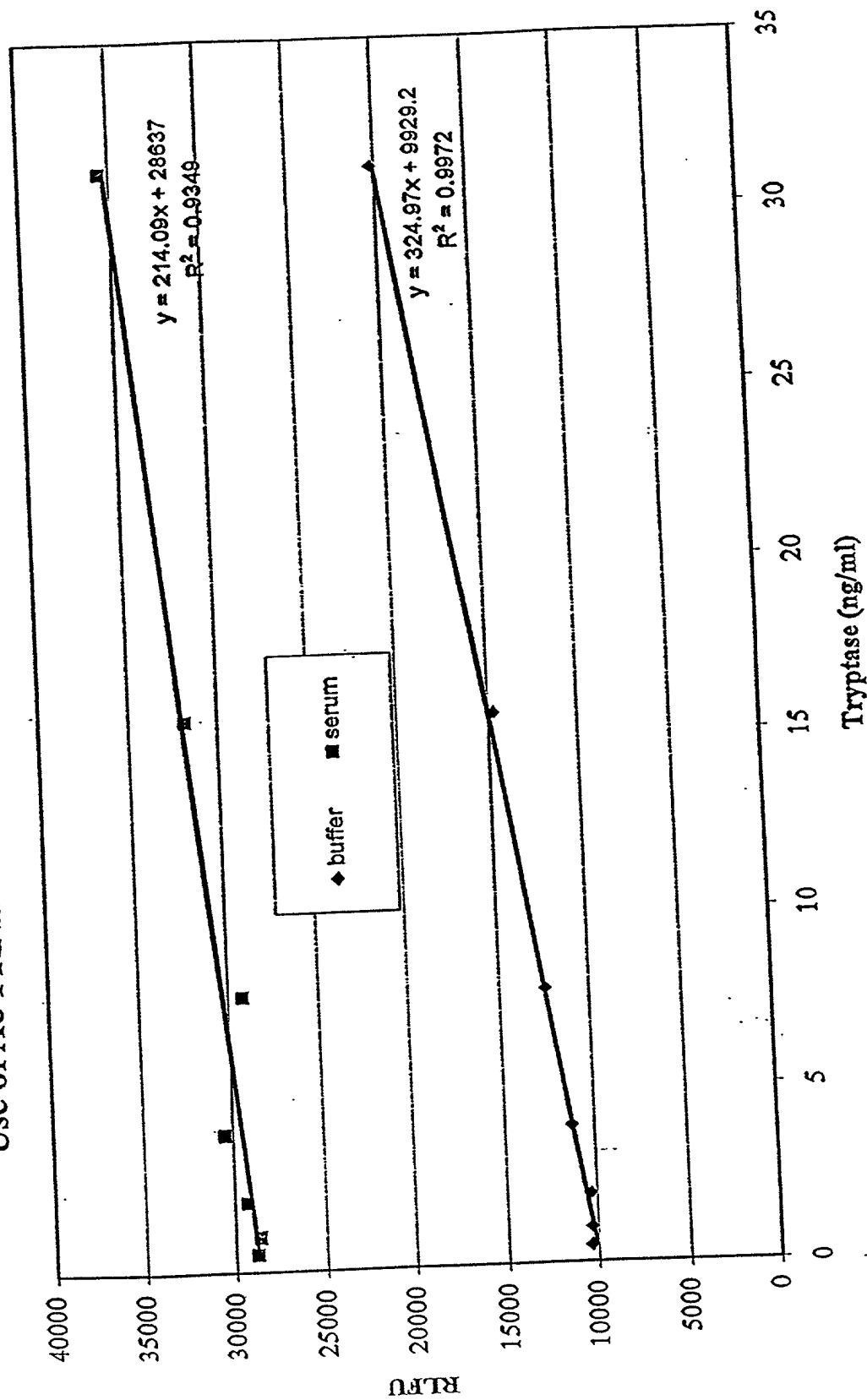


FIG. 8

# Exogenously Added Protease Inhibitors: Effects on Ac-PRNK-ACC based Trypsin Activity Assay

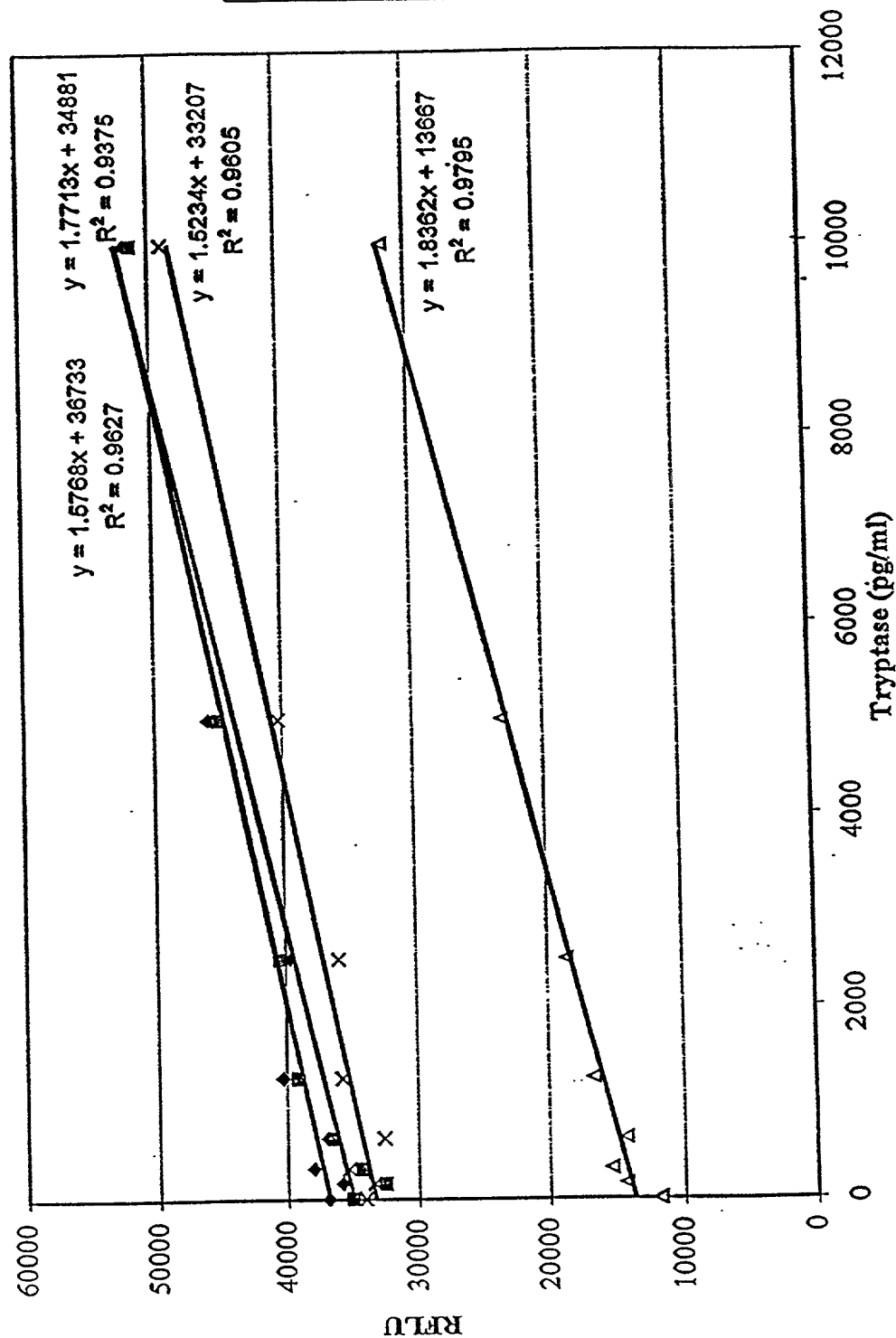


FIG. 9



# Aprotinin Treated, Trypsin Standard Curves (Serum v. Buffer)

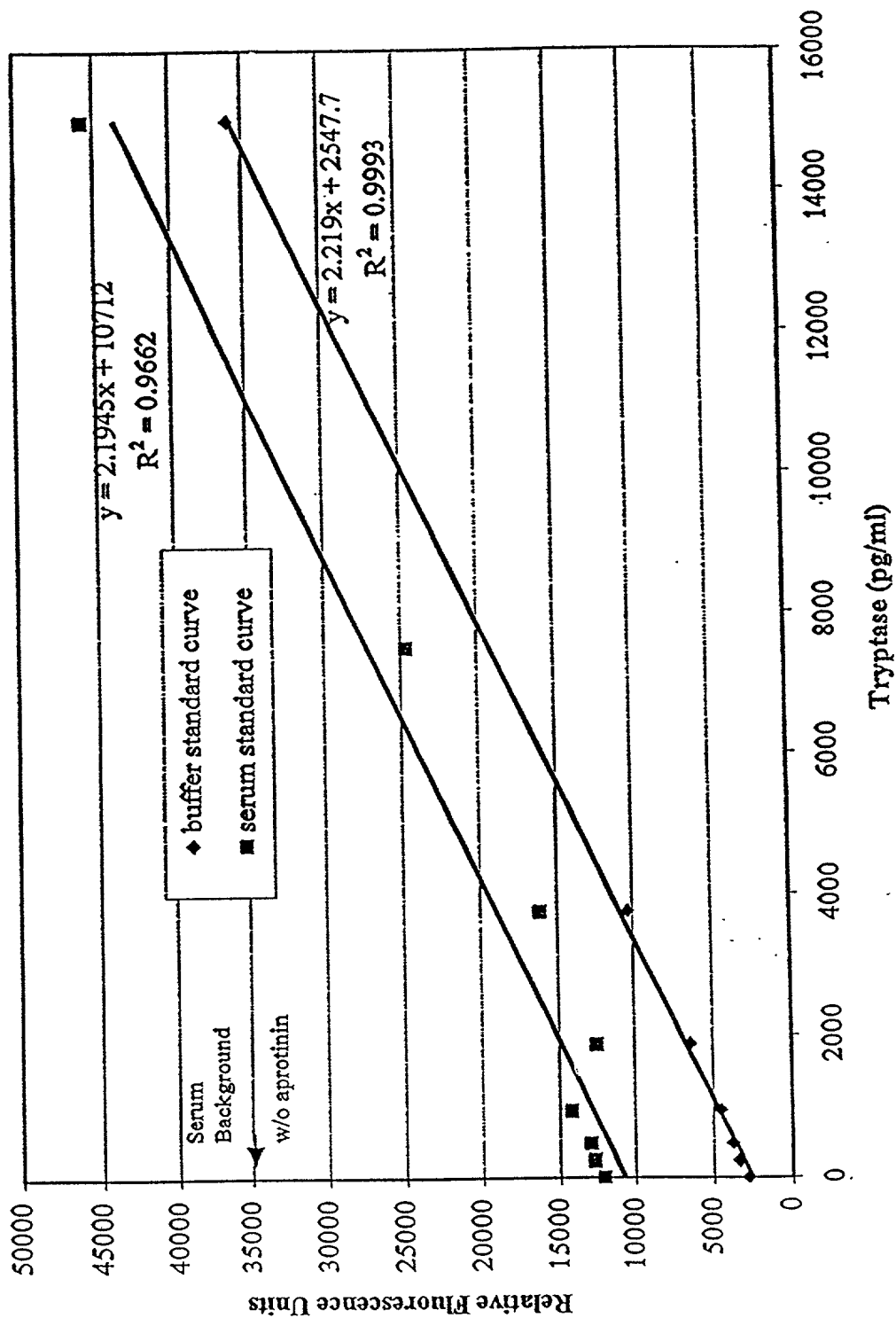
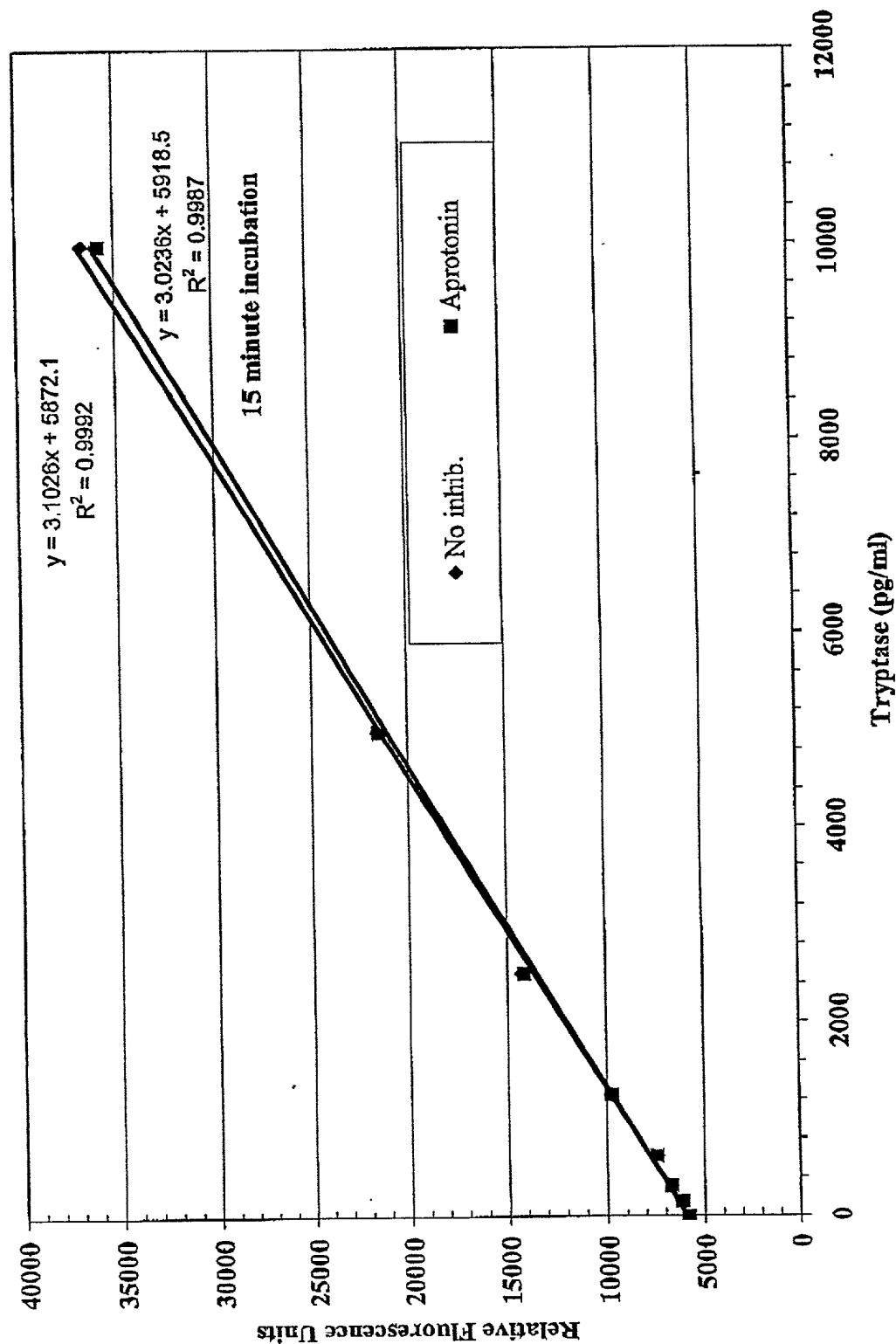


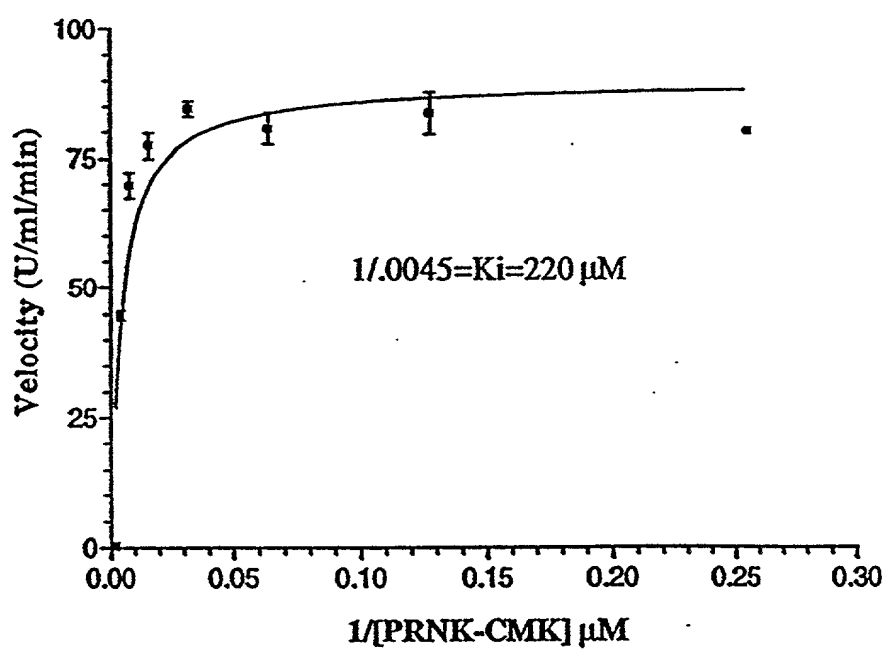
FIG. 10

# **Tryptase Quantitation in Urine** **(Aprotinin Treated v. Uninhibited Samples)**



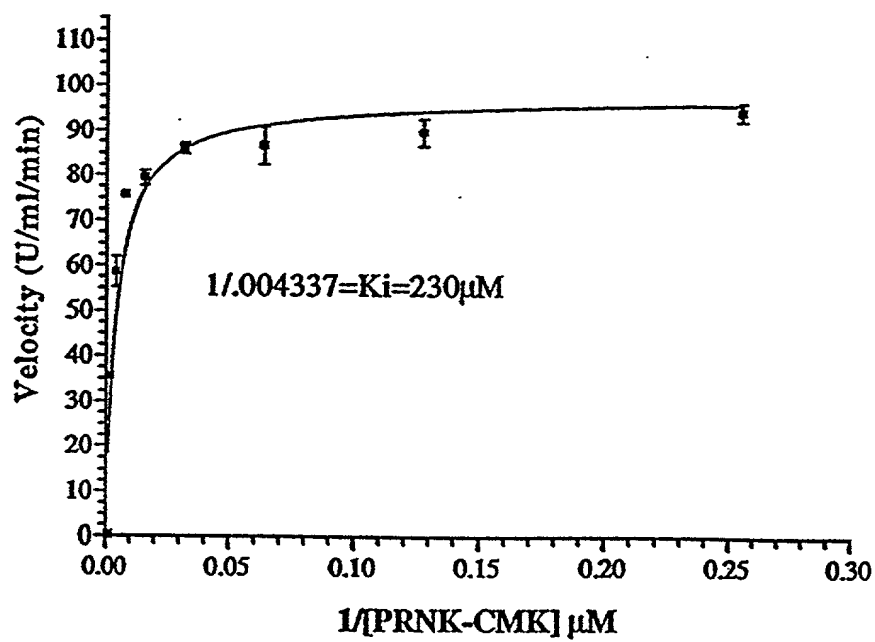
**FIG. 11**

**Enzymatic Inhibition of  
recombinant human  $\beta$ -I tryptase**



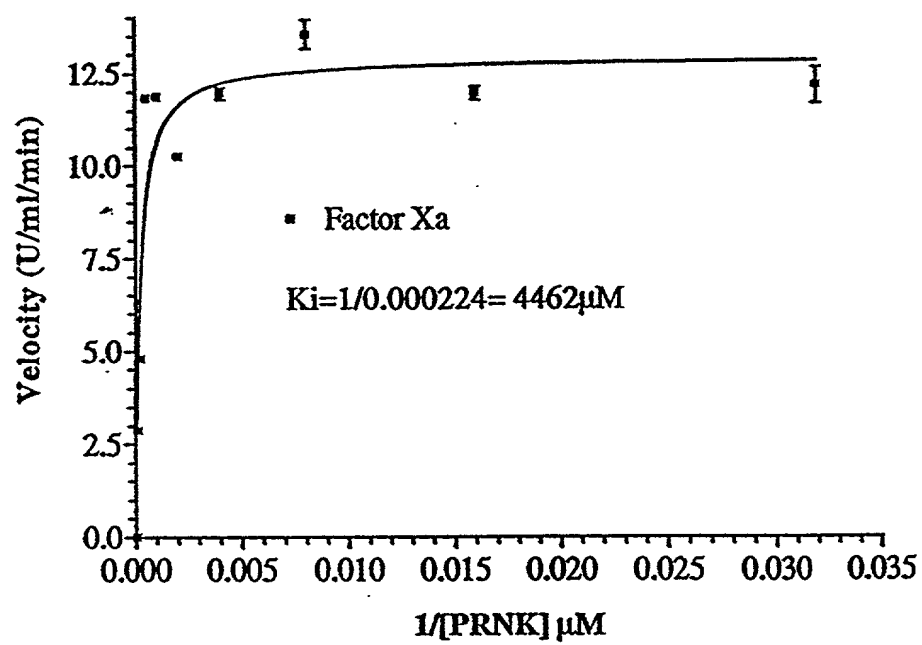
**FIG. 12**

**Enzymatic Inhibition of recombinant human  $\beta$ -II tryptase  
by PRNK-CMK**



**FIG. 13**

**Enzymatic Inhibition of Factor Xa  
by PRNK-CMK**



**FIG. 14**